

Serial No.: 09/729,968
Group Art Unit: 2675

Please amend the application as follows:

IN THE CLAIMS:

Insertions are underlined and deleted terms are in brackets [].

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9. (thrice amended) Apparatus for converting [handwritten] symbols formed by tracking stylus movements in space to characters, comprising:

a stylus comprising:

at least one accelerometer[s means] for [capturing handwritten] generating at least one first acceleration sequence [symbols] by tracking movements of said stylus in space or upon a surface;

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memory means for storing a collection of reference acceleration sequences, wherein the reference acceleration sequences correspond to [characterizing each] at least one set of symbols, wherein the symbols correspond to a [and corresponding] character set, at least one member of the character set being different in shape from at least one member of the at least one set of symbols;

a processor [means] for comparing at least one first acceleration sequence generated by stylus movement to a set of reference acceleration sequences to identify a symbol and for converting the symbol to its corresponding [identifying] character[s], wherein the shape of the character can be different from the shape of the symbol;

transceiver means or a combination of a transmitter and receiver means for establishing a wireless two-way connection with a second device and [sending] transmitting to the second device at least one character[s] resulting from generating at least one first acceleration sequence when a wireless connection has been established therewith.

10. (twice amended) The apparatus of claim 9, wherein [whereby] said communication means complies with [is] Bluetooth specifications.

11. (thrice amended) The apparatus of claim 9, wherein [whereby] said transceiver means complies with [is] Bluetooth specifications.

12. (thrice amended) The apparatus of claim 9, further comprising an activation system.

13. (thrice amended) The apparatus of claim 12, wherein [whereby] said activation system [is] comprises a button.

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14. (thrice amended) The apparatus of claim 12, wherein upon [whereby on] activation of said activation system, at least one of said at least one accelerometer is activated.

15. (thrice amended) The apparatus of claim 12, wherein [whereby on] upon activation of said activation system, said processor is activated.

16. Previously Cancelled.

17. Previously Cancelled.

18. Previously Cancelled.

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cont
19. (new) The apparatus of claim 9, further comprising at least one set of reference acceleration sequences stored in said memory.

20. (new) The apparatus of claim 9, further comprising at least one set of characters stored in said memory, said set of characters corresponding to at least one set of acceleration sequences.

21. (new) The apparatus of claim 20, further comprising at least one set of reference acceleration sequences stored in said memory, at least a portion of said set of reference acceleration sequences corresponding to said at least one set of characters.

22. (new) A method for converting symbols formed by tracking stylus movements in space or upon a surface to characters, comprising: keeping a collection of reference data sequences, said reference data sequences corresponding to at least one set of symbols, wherein said symbols correspond to a character set, at least one member of said character set being different in shape from at least one member of said at least one set of symbols; on activation of said stylus, establishing a two-way wireless connection with a second device using a transceiver means or a combination of a transmitter and receiver